

STATINTL



19 October 1967

SUBJECT: ECP's 1940-38 and 1940-41
Contract AF33(657)-12846

Dear Chuck,

Subject ECP's are technically approved by the SPO. Request that you give AIL formal authority to proceed with them. Note that both were submitted on a "no additional cost" basis.

Sincerely,

Carl
Carl

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cy to:



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FOR OFFICIAL USE ONLY

(AIR 11-30)

Approved For Release 2002/06/14 : CIA-RDP72B00464R000400100002-9

EMR

ENGINEERING STUDY ☐

EMR #

CHANGE PROPOSAL ☒

1940-38

DATE

5 October 1967

AFFECTS:

Special Test Equipment

NAME OF MAJOR COMPONENT

Ship.Cont., Left 316096-1

Ship.Cont., Rt. 316096-2

PART OR LOWEST SUBASSEMBLY

Shear Mount

PART NO. J8350-8

(Cord Mfg. Co.)
MODEL OR TYPE

TITLE OF PROPOSAL:

SHIPPING CONTAINER MODIFICATION

NATURE OF PROPOSAL:

The EMR Contractor proposes to replace the present Lord Shear Mounts, J8350-8, with new mounts, J8350-73 and to add packaging instructions permanently affixed to the shipping containers. The shipping containers will be reidentified.

REASON FOR PROPOSAL:

The new shear mounts are capable of withstanding a greater static load and therefore will add a margin of safety to the EMR shipping container. The addition of the packaging instructions should assure the proper packaging of the EMR.

ES

ESTIMATED COST AND TIME INVOLVED:

ADDITIONAL FUNDING REQUIRED:

CP

ESTIMATED COST FOR KITS OR PARTS:

ADDITIONAL FUNDING REQUIRED:

ITEMS AFFECTED BY PROPOSAL: Four 316096-1 and four 316096-2 shipping containers will require retrofit, two each in field, two each at AI.

SAFETY

MISSION
EFFEC-
TIVENESSPERFORM-
ANCEOPERATING
PROCEDUREINTER-
CHANGE-
ABILITYWEIGHT OR
WEIGHT
AND
BALANCETOOLS AND
SUPPORT
EQUIPMENTMAINTE-
NANCE
PROCEDURESERVICE
LIFEFLIGHT
MANUALMAINTE-
NANCE
MANUAL☐☐☐☐☐☐☐☐☐☐☒

ESTIMATED MAN HOURS REQUIRED TO ACCOMPLISH CHANGE IN FIELD: 1 hour disassembly, 2 hours rework, 1 hour reassembly. No retest required.

SOURCE OF PARTS FOR KIT:

AI

AVAILABILITY 4 WEEKS AFTER APPROVAL

DISPOSITION OF SPARES AFFECTED:

No spares affected.

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INITIATED BY:

APPROVED

EMR Contractor

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SPECIAL ACCESS REQUIRED

PAGE 1 OF 1

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ENGINEERING STUDY

CHANGE PROPOSAL

1940-41

DATE

29 Sept. 1967

AFFECTS:

EMR

NAME OF MAJOR COMPONENT

W/B Vehicle Recorder

331680,

932200 STATINTL

PART OR LOWEST SUBASSEMBLY

Resistor (R60)

PART NO. RC07GF223J

MODEL OR TYPE

TITLE OF PROPOSAL:

CHANGE OF TURNAROUND SIGNAL LEVEL IN W/B RECORDER

NATURE OF PROPOSAL: STATINTL

The EMR Contractor will change the turnaround signal level by decreasing the value of R60 on the Control Logic #1 Board (P/N 936728-1) from 22 Kohms to 1 Kohms. The resistor, RC07GF223J, the PC board assembly, 936728-1, the Control Logic Assembly, 938353-1 and the Recorder, 932200-2 (AI 331680-2) will be reidentified.

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REASON FOR PROPOSAL:

The level of the turnaround signal is such that the Test Signal Generator operation is marginal. Changing the value of R60 will result in positive triggering of the Test Signal Generator.

ES

ESTIMATED COST AND TIME INVOLVED:

ADDITIONAL FUNDING REQUIRED:

CP

ESTIMATED COST FOR KITS OR PARTS:

ADDITIONAL FUNDING REQUIRED: STATINTL

ITEMS AFFECTED BY PROPOSAL: S/N 1049 thru 1053 and 1056 thru 1058 Recorders will be reworked at prior to delivery. S/N 1054 and 1055 will require field modification per Service Bulletin.

SAFETY

☐

MISSION
EFFEC-
TIVENESS

☐

PERFORM-
ANCE

☒

OPERATING
PROCEDURE

☐

INTER-
CHANGE-
ABILITY

☒

WEIGHT OR
WEIGHT
AND
BALANCE

☐

TOOLS AND
SUPPORT
EQUIPMENT

☐

MAINTENANCE
PROCEDURE

☐

SERVICE
LIFE

☐

FLIGHT
MANUAL

☐

MAINTENANCE
MANUAL

☒

ESTIMATED MAN HOURS REQUIRED TO ACCOMPLISH CHANGE IN FIELD:

1 hour disassembly, 1/2 hour rework (wait for epoxy to cure), 1 hour reassembly, 1 hour retest.

SOURCE OF PARTS FOR KIT:

AI

IMMEDIATELY

AVAILABILITY _____ WEEKS AFTER APPROVAL

DISPOSITION OF SPARES AFFECTED: Two Control Logics Assemblies, 938353-1 to be reworked via PSO work order prior to delivery.

INITIATED BY:

APPROVED

STATINTL

EMR Contractor

STATINTL

SPECIAL ACCESS